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DATE: Tuesday, March 16, 2004

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		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L12	L1 and mpeg	101
<input type="checkbox"/>	L11	L1 and uuid	3
<input type="checkbox"/>	L10	L1 and uuid box	2
<input type="checkbox"/>	L9	l6 and l1	0
<input type="checkbox"/>	L8	l2 not (l5 or l4 or l6)	17
<input type="checkbox"/>	L7	l4 not l5	11
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<input type="checkbox"/>	L3	L2 and (image or picture or video)	30
<input type="checkbox"/>	L2	L1 and metadata	30
<input type="checkbox"/>	L1	jpeg2000	314

END OF SEARCH HISTORY

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L5: Entry 2 of 5

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020091665
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020091665 A1

TITLE: Metadata in JPEG 2000 file format

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Beek, Petrus Van	Vancouver	WA	US	
Sezan, Muhammed Ibrahim	Camas	WA	US	
Borden, George R. IV	Vancouver	WA	US	

APPL-NO: 09/ 882416 [PALM]
DATE FILED: June 15, 2001

RELATED-US-APPL-DATA:

Application is a non-provisional-of-provisional application 60/214878, filed June 28, 2000,

INT-CL: [07] G06 F 17/30

US-CL-PUBLISHED: 707/1; 345/418
US-CL-CURRENT: 707/1; 345/418

REPRESENTATIVE-FIGURES: 2

ABSTRACT:

A system for including metadata with a JPEG2000 file.

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefit of U.S. Provisional Application No. 60/214,878, filed Jun. 28, 2000.

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L5: Entry 4 of 5

File: USPT

May 21, 2002

US-PAT-NO: 6393578

DOCUMENT-IDENTIFIER: US 6393578 B1

TITLE: Method and system for locating digital contents in a recorded digital file
without knowing its encoding format

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Swidler; Thomas Ulrich	San Jose	CA		
Fairman; Bruce Alan	Woodside	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Sony Corporation	Tokyo			JP	03
Sony Electronics, Inc.	Park Ridge	NJ			02

APPL-NO: 09/ 457937 [PALM]

DATE FILED: December 8, 1999

INT-CL: [07] G06 F 1/14, G06 F 17/30

US-CL-ISSUED: 713/600; 713/502, 707/1

US-CL-CURRENT: 713/600; 707/1, 713/502

FIELD-OF-SEARCH: 713/400, 713/500, 713/502, 713/600, 707/1, 707/2, 707/3

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>6226241</u>	May 2001	DaAmato et al.	369/47.15
<input type="checkbox"/>	<u>6247069</u>	June 2001	Smyers	710/8
<input type="checkbox"/>	<u>6266727</u>	July 2001	Smyers et al.	710/105
<input type="checkbox"/>	<u>6292844</u>	September 2001	Smyers et al.	710/5

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
19539400	May 1996	DE	
19546327	June 1997	DE	
701374	March 1996	EP	
899964	March 1999	EP	
903738	March 1999	EP	
986062	March 2000	EP	
986248	March 2000	EP	
WO 00/52693	September 2000	WO	

ART-UNIT: 2182

PRIMARY-EXAMINER: Butler; Dennis M.

ATTY-AGENT-FIRM: Wagner Murabito & Hao LLP

ABSTRACT:

A method and system locating contents of a recorded digital audio/video file without knowing its encoding format. The method and system can be implemented on a disk drive, e.g., magnetic or optical, or on any suitable storage mechanism. A bus timer is used for periodically generating a cycle count in synchronization with isochronous packets that are also on the bus. The disk drive stores both the current cycle count and the current digital packet together on a storage media, e.g., magnetic or optical or memory array, etc. When the cycle count value reaches a predetermined number of increments, a seconds measure is incremented thereby updating a minute and hour measure (as necessary). The updated hour/minute/second value is stored in an entry of an index table along with the logical block address (LBA) of the currently stored data packet. This continues until the file is completely recorded. Retrieval of a particular hour/minute/second of the file can then be readily accomplished by referencing the index table and obtaining the appropriate LBA without requiring knowledge of the particular encoding format used by the file. The index table is stored in the file system and associated with the particular file (track). The recorded cycle counts can be used as an offset to obtain a particular frame when frame accuracy is required. In one embodiment, the IEEE 1394 bus is used which generates one cycle count every 125 us. The drive maintains its own file system and can send data on the bus and store information without requiring continuous operational control from an intelligent device.

31 Claims, 8 Drawing figures

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L5: Entry 3 of 5

File: USPT

Oct 8, 2002

US-PAT-NO: 6463445

DOCUMENT-IDENTIFIER: US 6463445 B1

TITLE: Multimedia information retrieval system and method including format conversion system and method

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Suzuki; Teruhiko	Chiba			JP
Yagasaki; Yoichi	Tokyo			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Sony Electronics Inc.	Park Ridge	NJ			02
Sony Corporation	Tokyo			JP	03

APPL-NO: 09/ 410185 [PALM]

DATE FILED: September 30, 1999

PARENT-CASE:

RELATED UNITED STATES APPLICATION The instant application claims benefit of provisional patent application Ser. No. 60/151,411, filed on Aug. 27, 1999, entitled "Multimedia Information Retrieval System, Retrieval Method, Multimedia Format Convert System and Method, " by Suzuki and Yagasaki.

INT-CL: [07] G06 F 12/00

US-CL-ISSUED: 707/200; 707/203

US-CL-CURRENT: 707/200; 707/203

FIELD-OF-SEARCH: 707/200, 707/203, 375/240.01, 375/240.13-240.16, 375/240.18-240.2

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5530484</u>	June 1996	Bhatt et al.	348/556
<input type="checkbox"/>	<u>5953506</u>	September 1999	Kalra et al.	395/200.61

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<input type="checkbox"/> <u>5970233</u>	October 1999	Liu et al.	395/200.76
<input type="checkbox"/> <u>6104441</u>	August 2000	Wee et al.	248/722
<input type="checkbox"/> <u>6141457</u>	October 2000	Jahanghir et al.	382/250
<input type="checkbox"/> <u>6192078</u>	February 2001	Komiya et al.	375/240.16
<input type="checkbox"/> <u>6216152</u>	April 2001	Wong et al.	709/203
<input type="checkbox"/> <u>6321026</u>	November 2001	Dierke	386/95

ART-UNIT: 3621

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Wang; Mary

ATTY-AGENT-FIRM: Wagner, Murabito & Hao LLP

ABSTRACT:

A multimedia information retrieval system and method including a method and system for automatic format conversion. The invention includes a data structure that is associated with each multimedia bitstream. The data structure identifies the encoding format, e.g., compression technique, used in the multimedia bitstream which is originated by a contents server. An automatic format conversion process then queries information from the client system (requester) and also receives the data structure identifying the encoding format. The client information identifies the decoding format. The automatic format conversion determines the transcoding process required for converting the bitstream from its encoded format to the format recognized by the client system. The format conversion process of the present invention also determines whether or not decoding is required before transcoding is performed thereby saving processing time and computer resources in those cases where decoding is not required. Moreover, the format conversion process also automatically determines the computer memory size required to perform the transcoding process thereby saving computer memory resources. The format converter can be implemented in software as an application and can also be integrated within a data access server. The data access server can be integrated within the client system or within the contents server. The format converter of the invention is particularly useful for electronic devices coupled in a communication network where the encoding format of the sender may not be compatible with the decoding format of the receiver, thereby requiring transcoding between the formats.

29 Claims, 11 Drawing figures